

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/14463

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/08 H04Q7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04Q H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>EP 1 213 874 A (AT & T CORP) 12 June 2002 (2002-06-12)</p> <p>abstract</p> <p>page 3, line 40 - line 44</p> <p>page 4, line 20 - line 30</p> <p>page 5, line 2 - line 3</p> <p>page 5, line 17 - line 18</p> <p>claims 1-4</p> <p>figure 3</p> <p>---</p> <p>-/-</p>	1-13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

20 April 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 215 994 B1 (GAHAGEN THOMAS ET AL) 10 April 2001 (2001-04-10) abstract column 1, line 67 -column 2, line 1 column 2, line 20 - line 28 column 3, line 24 - line 56 column 3, line 62 -column 4, line 4 column 9, line 41 - line 43 figure 7 ---	1-13
A	US 2002/090932 A1 (BHATIA RANJIT ET AL) 11 July 2002 (2002-07-11) abstract figure 4 page 3, line 62 -page 4, line 5 page 5, line 15 - line 19 page 6, line 29 - line 35 paragraph '0039! paragraph '0040! paragraph '0042! ---	1-13
A	US 2002/038362 A1 (STROMQUIST MIKAEL ET AL) 28 March 2002 (2002-03-28) abstract paragraph '0058! ---	1-13
A	US 6 044 205 A (HEYMAN PETER EARNSHAW ET AL) 28 March 2000 (2000-03-28) abstract column 14, line 18 - line 28 column 21, line 39 - line 42 column 23, line 63 - line 65 figure 1 ---	1-13
A	EP 1 182 845 A (NTT DOCOMO INC) 27 February 2002 (2002-02-27) abstract paragraph '0047! figure 1 ---	1-13

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Information on patent family members

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